



**NSAI**  
Certification

**ECE TYPE-APPROVAL CERTIFICATE**



Communication Concerning: Approval granted  
~~Approval extended~~  
~~Approval refused~~  
~~Approval withdrawn~~  
~~Production definitively discontinued~~

Of a type of electrical/electronic sub-assembly with regard to Regulation No.10.

Approval No: **E24\*10R05/01\*2441\*00**


Reason for extension: *N/A*

1. Make (trade name of manufacturer):  
***VIASAT  
Viasat Group, VEM Solutions  
ELEM, Datamove, Teamind Solution,  
Viasat Servicios Telematicos,  
Personalisacion y Seguridad Profesional,  
Mobilefleet Chile, ViasatSystems,  
Enigmas Vehicle Systems, Viasat Telematics,  
Blusat Servicios Telematicos, Viasat Polska,  
Viasat Operator Telematyczny,  
CMA Monitoring Group, CMA Monitoring,  
Tracksys, BF Engineering, Emixis,  
Hitech and ICom***
2. Type and general commercial description:  
***JSBH  
Black Box  
(GPS/GSM Localizer and Emergency system)***
3. Means of identification of type, if marked on the component:  
***Adhesive Label***
- 3.1 Location of that marking:  
***On bottom of plastic case***
4. Category of vehicle:  
***See Appendix***
5. Name and address of manufacturer:  
***Viasat S.p.A  
Via Tiburtina 1180 00156 Roma  
Italy***
6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark:  
***Adhesive label on bottom of plastic case***



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7. Address(es) of assembly plant(s): *VEM Solutions S.p.A  
Via Asota 20/22/24  
10078 Venaria Reale (TO)  
Italy.*
8. Additional information (where applicable): *See appendix*
9. Technical service responsible for carrying out the tests: *IMQ S.p.A  
Via Quintiliano, 43  
I-20021 Bollate (MI)*
10. Date of test report: *01.02.2018*
11. Number of test report: *AR 17-0019245-02-2*
12. Remarks (if any): *See Appendix*
13. Place: *Dublin*
14. Date: *05<sup>th</sup> March, 2018*
15. Signature: 



16. The index to the information package lodged with the approval authority, which may be obtained on request is attached.



### Appendix

To type-approval communication concerning the type approval of an electrical/electronic sub-assembly under Regulation No.10.

1. Additional information
  - 1.1. Electrical system rated voltage: *12/24 V, negative ground*
  - 1.2. This ESA can be used on any vehicle type with the following restrictions: *See manufacturer's specifications.*
    - 1.2.1 Installation conditions, if any: *See manufacturer's specifications.*
  - 1.3. This ESA can only be used on the following vehicle types: *N/A*
    - 1.3.1 Installation conditions, if any: *N/A*
  - 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were: *Bulk current injection method  
Frequency range: 20 - 200 MHz  
Free field testing method  
Frequency range: 200 - 2000 MHz*
  - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: *IMQ S.p.A*
2. Remarks: *N/A*

Appendix to type-approval communication concerning the type approval of a vehicle under Regulation No.10.

1. Additional information
2. Special devices for the purpose of Annex 4 to this Regulation: *N/A*
3. Electrical system rated voltage: *N/A*
4. Type of bodywork: *N/A*
5. List of electronic systems installed in the tested vehicle(s) not limited to the items in the information document: *N/A*
  - 5.1 Vehicle equipped with 24 GHz short-range radar equipment (yes/no): *N/A*
6. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: *N/A*
7. Remarks: *N/A*